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09/425,177	10/22/1999	MICHAEL CARROLL	52817.000102	9182

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MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO PC  
12010 SUNSET HILLS ROAD  
SUITE 900  
RESTON, VA 20190

EXAMINER

ROMERO, ALMARI DEL CARMEN

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 04/10/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/425,177

Applicant(s)

CARROLL, MICHAEL

Examiner

Almari Romero

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 November 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 November 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☒ Notice of Draftperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2, 4 6) ☐ Other:

### **DETAILED ACTION**

1. This action is responsive to communications: Application filed on 10/22/99 and the IDSs filed on 05/22/02 and 11/19/02.
2. Claims 1-20 are pending in the case. Claims 1, 9, 16, and 17 are independent claims.

#### ***Information Disclosure Statement***

3. The information disclosure statement (IDS) submitted on 5/22/02 and 11/19/02 has been considered by the examiner.

#### ***Drawings***

4. The drawings filed on 10/22/99 are objected to as indicated in the attached PTO-948 form. Formal corrected drawings can be filed at allowance.

#### ***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C.

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122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

**6. Claims 9, 13, and 15 are rejected under 35 U.S.C. 102(e) as being anticipated by Stern et al. (USPN 5,835,919 – filed on 05/1996).**

**Regarding independent claim 9, Stern et al. (Stern) discloses:**

A system for processing at least two target information regions within an electronic document, comprising:

an input interface to accept input to select the target information regions (Stern on col. 7, lines 46-49, see figure 3B: teaches triangle 60 is selected within the frame in dotted line 62 (also selected)); and

a processor unit connected to the input interface, the processor unit processing the target information regions (Stern on col. 5, lines 4-28: teaches central processing unit connected to a display device and communicates with the internal or external peripheral devices).

**Regarding dependent claim 13, Stern discloses:**

wherein the input unit accepts input from at least one of a keyboard, a speech to text converter, a mouse, a pressure pad and a trackball device (Stern on col. 5, lines 19-21: teaches data entry devices such as keyboard, mouse, trackball or the like).

**Regarding dependent claim 15, Stern discloses:**

wherein the electronic document comprises graphical information (Stern on col. 7, lines 46-49, see figure 3B: teaches triangle 60 is a graphical component).

***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. **Claims 1-2, 5-8, 10, 14, and 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stern et al., as applied to claims 9, 13, and 15, in view of Fleming et al. (USPN 5,664,210 – issued on 09/1997).**

**Regarding independent claim 1, Stern discloses:**

A method of processing at least two target information regions wherein at least one information separates the mo target regions within an electronic document, the method comprising the steps of:

a) accepting input to select the target information regions and the information separating region; c) accepting input to process the target information regions (Stern on col. 7, lines 46-67, see figure 3B: teaches triangle 60 is selected within the activated frame in dotted line 62 (also selected); wherein the activated frame can be selected by pressing a button on the cursor control device).

However, Stern does not explicitly disclose, “deselect the information separating region”.

Fleming et al. (Fleming) on col. 2, lines 22-29: teaches deselect selected portions of text.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to deselect selected

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portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

**Regarding dependent claim 2, Fleming discloses:**

wherein the target information regions comprise text, and at least two target information regions are separated by at least one information separating region (Fleming on col. 1, lines 55-61 teaches multiple portion of text can be selected at the same time).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to select portions of text at the same and deselect selected portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

**Regarding dependent claims 5 and 6, Stern discloses:**

change a number and content of the target information regions (Stern on col. 7, line 46 – col. 8, line 6: teaches changing size or shape of the activated frame).

**Regarding dependent claim 7, Stern discloses:**

wherein the electronic document comprises graphical information (Stern on col. 7, lines 46-49, see figure 3B: teaches triangle 60 is a graphical component).

**Regarding dependent claim 8, Stern discloses:**

wherein the target information regions and the information separating region are each designated by a box, each box having two delimiter tags located at opposite corners (Stern on

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col. 7, lines 46-49, see figure 3B: teaches triangle 60 is selected within the frame (box) in dotted line 62 (also selected)).

**Regarding dependent claims 10 and 18, Fleming discloses:**

wherein the target information regions comprise noncontiguous textual information (Fleming on col. 1, lines 55-61 teaches multiple portion of text can be selected at the same time and does not have to be adjacent to each other).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to select portions of text at the same that does not have to be adjacent to each other and deselect selected portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

**Regarding dependent claim 14, Fleming discloses:**

wherein the input interface receives input for a positional indicator and the processor unit selects information when the positional indicator is moved in a first direction and deselects information when the positional indicator is moved in a second direction (Fleming on col. 2, lines 22-29: teaches deselect selected portions of text by moving the cursor).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to deselect selected portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

**Regarding independent claim 16, Stern discloses:**

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A computer readable medium having computer readable program code embodied therein for selecting information of an electronic document selectively divided into at least two target information regions and at least one information separating regions, the computer readable program code in the computer useable medium comprising:

computer readable program code for causing a computer to accept input for selecting the target information regions of the electronic document; computer readable program code for causing a computer to process the target information regions.

(Stern on col. 7, lines 46-67, see figure 3B: teaches triangle 60 is selected within the activated frame in dotted line 62 (also selected); wherein the activated frame can be selected by pressing a button on the cursor control device).

However, Stern does not explicitly disclose, "selecting noncontiguous information" and "deselect the information separating region".

Fleming on col. 1, lines 55-61 teaches multiple portion of text can be selected at the same time and does not have to be adjacent to each other; on col. 2, lines 22-29: teaches deselect selected portions of text.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to select portions of text at the same that does not have to be adjacent to each other and deselect selected portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

**Regarding independent claim 17,** Stern discloses:



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A system for processing noncontiguous target information within an electronic document, the system comprising:

input means to accept input for selecting target information regions and processor means for processing the target information regions, said processor means operatively connected to the input means (Stern on col. 7, lines 46-67, see figure 3B: teaches triangle 60 is selected within the activated frame in dotted line 62 (also selected); wherein the activated frame can be selected by pressing a button on the cursor control device).

However, Stern does not explicitly disclose, “noncontiguous information” and “deselect the information separating region”.

Fleming on col. 1, lines 55-61 teaches multiple portion of text can be selected at the same time and does not have to be adjacent to each other; on col. 2, lines 22-29: teaches deselect selected portions of text.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to select portions of text at the same that does not have to be adjacent to each other and deselect selected portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

**9. Claims 3-4, 11-12, and 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stern and Fleming, as applied to claims 1-2, 5-10, and 13-18, in further view of Greyson et al. (USPN 5,666,552 – issued on 09/1997).**

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**Regarding dependent claim 3**, Stern and Fleming disclose the invention substantially as claimed as described *supra*. However, Stern and Fleming do not explicitly disclose “first begin select delimiter to the left of a first region and a first end select delimiter to the right of a second target information region in an electronic file”.

Greyson et al. (Greyson) on col. 5, line 43 – col. 6, line 28: teaches initial and final selection point of the selection region.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Greyson into Stern and Fleming to provide a way to point the selection region with initial and final selection point, as taught by Greyson, incorporated into the selection of a graphic or text, as taught by Stern and Fleming, in order to directly and visually manipulate text on a computer display screen requiring user control activations thereby simplifying the user interface.

**Regarding dependent claim 4**, Greyson discloses:

wherein step (b) comprises the step of accepting input to deselect the information separating region by storing a second end select delimiter to the right of the first target information region, said second end select delimiter corresponding with the first begin select delimiter, and storing a second begin select delimiter to the left of the second target information region, said second begin select delimiter corresponding with the first end select delimiter (Greyson on col. 5, line 43 – col. 6, line 28: teaches extending from the initial selection point to the final selection point of the selection region; wherein using the cursor will define the bounds of the selection region).

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It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Greyson into Stern and Fleming to provide a way to point the selection region with initial and final selection point, as taught by Greyson, incorporated into the selection of a graphic or text, as taught by Stern and Fleming, in order to directly and visually manipulate text on a computer display screen requiring user control activations thereby simplifying the user interface.

**Regarding dependent claims 11 and 19, Greyson discloses:**

wherein the processor unit stores a begin tag and an end tag for each of the target information regions (Greyson on col. 5, line 43 – col. 6, line 28: teaches initial (begin tag) and final (end tag) selection point of the selection region).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Greyson into Stern and Fleming to provide a way to point the selection region with initial and final selection point, as taught by Greyson, incorporated into the selection of a graphic or text, as taught by Stern and Fleming, in order to directly and visually manipulate text on a computer display screen requiring user control activations thereby simplifying the user interface.

**Regarding dependent claims 12 and 20, Fleming discloses:**

further comprising an output interface to transmit a display of a region of text selected as one of the target information regions in a different manner than a region of text selected as one of the information separating regions (Fleming on col. 1, lines 55-61: teaches displaying multiple portion of text that can be selected at the same time and does not have to be adjacent to each other).

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It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Fleming into Stern to provide a way to select portions of text at the same that does not have to be adjacent to each other and deselect selected portions of text, as taught by Fleming, incorporated into the selecting of a triangle with an activated frame, as taught by Stern, in order to increase the manipulation of both text and graphical data.

*Conclusion*

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

USPN 6,151,426 – Lee et al. – filed on 10/1998

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Almari Romero whose telephone number is (703) 305-5945. The examiner can normally be reached on Mondays - Fridays (7:30am - 4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on (703) 308-5186. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for regular communications and (703) 746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

AR  
April 3, 2003

  
HEATHER R. HERNDON  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100